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Examiner Name	<i>¸₁</i> ⋒T <b>₽</b> ANSMITTAL	Filing Date	July 25, 2006
Examiner Name	<sub>,cR</sub> 05 ₿ FORM	First Named Inventor	Stephan Branstadter, Ph.D.
Examiner Name	X' <b>/</b>		Unassigned
Attended   Pages in This Submission   Attorney Docket Number   Pc3-301	TENT . AND		Unknown
Fee Transmittal Form    Drawing(s)		Attornov Docket Number	PC3-301
Fee Transmittal Form    Drawing(s)		ENCLOSURES (Check all t	hat apply)
After Final After Final Aftidavits/declaration(s) Extension of Time Request Express Abandonment Request Converting the Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Express Abandonment Request Converting to Converting the Converti	Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC
Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts/ Incomplete Application Reply to Missing Parts Under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Wells St. John 7 3.  Signature Printed name Robert C. Hyta  Date  CERTIFICATE OF TRANSMISSION/MAILING  In the reby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:  Filed via Express Mail, receipt label no. EV 979440227 US	After Final Affidavits/declaration(s)  Extension of Time Request Express Abandonment Request Information Disclosure Statement	Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Ac Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD	Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below):  PTO Return Receipt Postcard PTO Form-1449 Copies of all cited foreign references
Signature  Printed name Robert C. Hyta  Date  CERTIFICATE OF TRANSMISSION/MAILING  It hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:  Signature  Filed via Express Mail, receipt label no. EV 979440227 US	Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Customer No. 021567  NO FEE IS REQUIRED WITH THIS FI However should a fee be determined a Deposit Account No. 23-0925.	as owing, please charge such fee to
Wells St. John P.3.  Signature  Printed name Robert C. Hyta  Reg. No. 46,791  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:  Signature  Filed via Express Mail, receipt label no. EV 979440227 US		TURE OF APPLICANT, ATTOR	RNEY, OR AGENT
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Typed or printed name Date February 05, 2007	Signature Filed via Express	Mail, receipt label no. EV 979440227 L	us
	Typed or printed name		Date February <u>05</u> , 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

### THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No	10/587,344
	July 25, 2006
	Stephan Brandstadter, Ph.D. et al
Assignee	Great Lakes Chemical Corp
Group Art Unit	Unassigned
Examiner	Unknowr
Attorney's Docket No	PC3-301
Customer No	021567
Title: Compositions, Halogenated Compositions, Processes	positions, Chemical Production and Telomerization

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

The attached Form PTO-1449 is submitted In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the references listed on the attached Form PTO-1449. Pursuant to Federal Register Vol. 69, No. 182, pg. 56542 (September 21, 2004), no copies of any cited U.S. patents or U.S. published applications are included herewith. Copies of all other cited art references are attached. No admission is made regarding whether the submitted references are prior art.

This Information Disclosure Statement is being filed before receipt of the first examination on the merits. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Information Disclosure Statement, please charge the fee specified under 37 C.F.R. §1.17(p) to Deposit Account No. 23-0925.

Citation of these references is respectfully requested.

	Respectfully submitted,	
Dated:	By:	
	Robert C. Hyta	•
	Rea. No. 46.791	

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ATTY. DOCKET NO. PC3-301

SERIAL NO. 10/587,344

APPLICANT: Stephan Brandstadter, Ph.D. et al.

**FILING DATE** July 25, 2006

GROUP Unknown

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CAI	8.11		U.S.	PATENT DOCUMENTS				
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing If Appro	
	АА	1,092,141	11/67	Daikin et al.				
	АВ	2,559,749	07/51	Benning			·	
	AC	2,567,011	09/51	Diesslin et al.				
	AD	2,597,702	05/52	Benning				
	AE	2,995,542	08/61	Brown				•
	AF	3,083,224	03/63	Brace et al.				
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	АН	3,112,241	11/63	Mackenzie				
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	AK	3,194,840	07/65	Berry				
	AL	3,238,235	03/66	Hauptschein et al.				
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		Document Number	Date	Country	Class	Subclass	Trans Yes	No
	АМ	EP 765676	04/97	Europe (abstract)			х	
	AN	DE 2120868	11/71	Germany (abstract)			x	
	АО	DE 2239709	02/73	Germany (abstract)			х	
	АР	DE 2247111	04/74	Germany (abstract)			x	
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	AQ	Fluoroalk	yl End-Ca	ovel Self-Assembled Mo oped Oligomers and The 3), pgs. 111-130				

DATE CONSIDERED

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ATTY. DOCKET NO. PC3-301

SERIAL NO. 10/587,344

APPLICANT: Stephan Brandstadter, Ph.D. et al.

FILING DATE July 25, 2006 GROUP Unknown

			U.S.	PATENT DOCUMENTS				
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing If Appro	
	АА	3,256,231	06/66	Johnson, Jr. et al.			_	
	АВ	3,282,905	11/66	Fasick et al.				
	AC	3,304,278	02/67	Hauptschein et al.				
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	АН	3,458,571	07/69	Tokoli				
	Al	3,475,333	10/69	Meldrum et al.			, , , , , , , , , , , , , , , , , , ,	
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	AK	3,497,575	02/70	Kleiner et al.			-	
	AL	3,498,958	03/70	Ray-Chaudhuri et al.				
			FOREIC	GN PATENT DOCUMENTS	<b>S</b>			
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	АМ	DE 2247182	04/74	Germany (abstract)			x	.,,,,
	AN	GB 2 070 595 +	02/80	United Kingdom			х	
	AO	GB 2 018 759	04/78	United Kingdom			x	
	АР	JP 04272986	09/92	Japan (abstract)			x	

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Sawada, et al.; "Synthesis and Surfactant Properties of Fluoroalkylated Sulfonic Acid Oligomers as a New Class of Human Immunodeficiency Virus Inhibitors", *Journal of Fluorine Chemistry* 79 (1996), pgs. 149-155

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	AA	3,514,420	05/70	Katsushima et	al.				
	АВ	3,532,659	10/70	Hager et al.					
	AC	3,536,749	10/70	Groves		-			
	AD	3,544,663	12/70	Hauptschein e	t al.				
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·	AI	3,721,706	03/73	Hoffman et al.					<u>-</u>
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	AO	JP 44001216	01/69	Japan (abstrac	et)			x	
	AP	JP 48023684	03/73	Japan (abstrac	:t)			x	
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE PC3-301 10/587,344 LIST OF ART CITED BY APPLICANT APPLICANT: Stephan Brandstadter, Ph.D. (Use several sheets if necessary) et al. FILING DATE GROUP July 25, 2006 Unknown **U.S. PATENT DOCUMENTS** Filing Date Examiner Document Date Name Class Subclass Number If Appropriate Initial 07/74 AΑ 3,824,126 Katsushima et al. AB 3,839,425 10/74 **Bartlett** AC 04/74 Knell, et al. 3,843,735 ΑD 05/75 Hager et al. 3,883,596 ΑE 08/75 Walter 3,899,484 ΑF 3.906.049 09/75 Hager et al. 09/75 AG 3,907,576 Dear et al. AΗ 11/75 Katsushima et al. 3,919,361 Toukan et al. ΑI 3,933,819 01/76 ΑJ 3,957,657 05/76 Chiesa, Jr. ΑK 4,000,188 12/76 Dear et al. ΑL 4,043,923 08/77 Loudas FOREIGN PATENT DOCUMENTS Translation Document Class Subclass Date Country Number Yes No AM JP 49040040 10/74 Japan (abstract) Х AN JP 53081799 07/78 Japan (abstract) Х AO JP 55071779 05/80 Japan (abstract) X ΔP JP 56122336 09/81 Japan (abstract) X OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) Sawada et al.; "Synthesis and properties of...."; European Polymer Journal, AQ 1999, 1 page; (Database 1999:411635 CAPLUS) Nivet et al.; "Evaluation of a series of...."; Journal of Dispersion Science and AR Technology, 1992; 1 page; (Database 1993:66807 CAPLUS) **EXAMINER** DATE CONSIDERED \*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in

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	АВ	4,192,754	03/80	Marshall et al.					
····	AC	4,209,456	06/80	Billenstein et al	•				
	AD	4,230,495	10/80	Lee et al.					
	AE	4,254,266	03/81	Toukan et al.					
_	AF	4,283,533	08/81	Richter					
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	Al	4,317,859	03/82	Smith					
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	AK	4,366,299	12/82	Dessaint					
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	АН	4,478,975	10/84	Dessaint et al.						
	Al	4,486,391	12/84	Hashimoto						
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	AK	JP 2003312156	11/03	Japan (abstrac	:t)				X	
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	АМ	US05/03429	01/05	PCT-Int'l Searc	h Rpt				x	
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	AO	US05/02617	01/05	PCT-Int'l Searc	h Rpt				x	
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conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE PC3-301 10/587,344 APPLICANT: Stephan Brandstadter, Ph.D. LIST OF ART CITED BY APPLICANT et al. (Use several sheets if necessary) FILING DATE **GROUP** July 25, 2006 Unknown **U.S. PATENT DOCUMENTS** Examiner Document Filing Date Date Name Class Subclass Initial Number If Appropriate AΑ 01/91 4,983,769 Bertocchio et al. AB 4,898,981 02/90 Falk et al. AC 06/91 Bollens et al. 5,026,910 ΑD 5,045,634 09/91 Fernandez et al. ΑE 02/92 5,091,550 Falk et al. ΑF 5,107,021 04/92 Bollens et al. 07/92 AG 5,132,445 Falk et al. 06/93 AH 5,218,021 Clark et al. Kallfass et al. ΑI 5,240,990 08/93 02/95 ΑJ 5,391,721 Hanen et al. ΑK 5,395,997 03/97 Van Der Puy, et al. ΑL FOREIGN PATENT DOCUMENTS Translation Document Date Class Subclass Country Number Yes No US2005/003138 PCT-IPRP/Written 01/05 AM X Opinion AN US05/03138 01/05 PCT-Int'l Search Rpt X AO 7-793 07/95 Japan X AΡ 02/90 2-12681 Japan X OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) AQ **EXAMINER** DATE CONSIDERED \*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AG	5,539,024	07/96	Kirchmey	yer et al.	•			·		
	АН	5,547,711	08/96	Kirchmey	yer et al.	•		-			
	ΑI	5,629,372	05/97	Anton et	al.						
_	AJ	5,639,845	06/97	Inomata	et al.						
	AK	5,648,527	07/97	Prossel e	et al.						
	AL										
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	АМ	WO 94/18245	08/94	РСТ						x	
	AN	WO 98/19742	05/98	PCT						x	
	AO	WO 01/27235 A1	04/01	PCT						x	
	AP										
		OTHER REFER	ENCES (i	ncluding Auti	hor, Title,	Date, F	Pertinent Pa	iges, Etc.	.)		
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	AA	5,648,528	07/97	Prossel et al.						
	AB	5,674,961	10/97	Fitzgerald						
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	AJ	6,015,838	01/00	Stern et al.				_		
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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

ATTY. DOCKET NO. PC3-301

SERIAL NO. 10/587,344

APPLICANT: Stephan Brandstadter, Ph.D. et al.

FILING DATE GROUP July 25, 2006 Unknown

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	AB	6,218,464 B1	04/01	Parker et al.			
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SERIAL NO. 10/587,344

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FILING DATE July 25, 2006 ART GROUP Unknown

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